



FEDERAL SECURITY AGENCY
PUBLIC HEALTH SERVICE

Nov 26, 1951

IN REPLYING, ADDRESS THE

Dr Joshua Lederberg
Department of Genetics
University of Wisconsin
Madison, 6, Wis.

Cemex
Environ
P. O. 1
Chambers, Georgia

Dear Doctor Lederberg: Try making a serum for Typhi T2 of Almon + Stovall and absorbing with Typhi medium. This should leave the \overline{XII}_3 and \overline{IX} agglutinins which will act on Ty T2 and perhaps give you a higher titre after absorption. You will realize, of course, that since O serum does not act on flagella it takes much more of it to immobilize bacteria than is the case with H serum. Apparently one must produce a very strong O agglutination and even then the organisms creep slowly through the medium.

We have some rather strong S-gallicum serum and Deibel sent you a small amount and you can try it in your tests. It will require only a minimum absorption, I believe, 1 or 2 plates of Ty medium per ml should be sufficient. If you have any luck with this serum we can send you the culture with which it was prepared

With best wishes,

Sincerely yours

P.R. Edwards